

3904

Sheet 1 of 2

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 08935-250002	Application No.
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant William L. Bowden et al.	
		Filing Date March 9, 2004	Group Art Unit

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
CSW	AA	4,133,856	01/09/79	Ikeda et al.			
	AB	Re30,458	12/23/80	Uetani et al.			
	AC	4,246,253	01/20/81	Hunter			
	AD	4,312,930	01/26/82	Hunter			
	AE	4,604,336	08/05/86	Nardi			
	AF	4,904,552	02/27/90	Furukawa et al.			
	AG	4,975,346	12/04/90	Lecerf et al.			
	AH	5,114,804	05/19/92	Stiles et al.			
	AI	5,425,932	06/20/95	Tarascon			
	AJ	5,596,278	01/21/97	Lin et al.			
	AK	5,759,510	06/02/98	Pillai			
	AL	5,955,052	09/21/99	Padhi et al.			
	AM	5,997,839	12/07/99	Pillai			
	AN	6,207,129	03/27/01	Padhi et al.			
CSW	AO	6,225,009	05/01/01	Fleischer et al.			

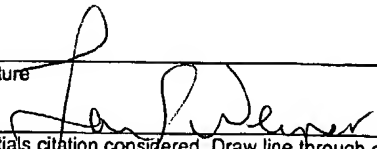
Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
CSW	AP	JP 1-120767	05/12/99	Japan			Yes	No
CSW	AQ	EP 0 728 701 A1	08/28/96	EPO				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
CSW	AR	Ammundsen et al., "Mechanism of Proton Insertion and Characterization of the Proton Sites in Lithium Manganate Spinel," Chem. Mater., Vol. 7, No. 11, pp. 2151-2160, (1995).
CSW	AS	Bowden et al., "Manganese Dioxide for Alkaline Zinc Batteries: Why Electrolytic MnO <sub>2</sub> ?", ITE Letters on Batteries, New Technologies & Medicine, Vol. 1, No. 6, (2000).
CSW	AT	Dahn et al., "Thermal stability of Li <sub>x</sub> CoO <sub>2</sub> , Li <sub>x</sub> NiO <sub>2</sub> and λ-MnO <sub>2</sub> and consequences for the safety of Li-ion cells," Solid State Ionics, Vol. 69, Nos. 3-4, pp. 265-270, (1994).
CSW	AU	David et al., "Structure Refinement of the Spinel-Related Phases Li <sub>2</sub> Mn <sub>2</sub> O <sub>4</sub> and Li <sub>0.2</sub> Mn <sub>2</sub> O <sub>4</sub> ," J. Solid State Chem., Vol. 67, pp. 316-323, (1987).
Examiner Signature		Date Considered
[Signature]		11-17-04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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(37 CFR §1.98(b))			

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SW	BA	Geronov <i>et al.</i> , "Rechargeable Compact Li Cells with $\text{Li}_x\text{Cr}_{0.9}\text{V}_{0.1}\text{S}_2$ and $\text{Li}_{1+x}\text{V}_3\text{O}_8$ Cathodes and Ether-Based Electrolytes," <i>J. of the Electrochemical Soc.</i> , Vol. 137, No. 11, pp. 3338-3344, (1990).
	BB	Giwa <i>et al.</i> , "Lithium Primary Envelope Cells," 16 <sup>th</sup> Intern. Seminar & Exhibition on Primary & Secondary Batteries, pp.Q1-11 (1999).
	BC	Hunter, J. C. and Tudron, F. B., "Nonaqueous Electrochemistry of Lambda $\text{MnO}_2$ ," <i>Proc. Electrochem. Soc.</i> Vol. 85-4, pp. 444-451, (1985).
	BD	Hunter, James C., "Preparation of a New Crystal of Manganese Dioxide: $\lambda\text{-MnO}_2$ ," <i>Journal of Solid State Chemistry</i> , Vol. 39, pp. 142-147, (1981).
	BE	Larcher <i>et al.</i> , "Synthesis of $\text{MnO}_2$ Phases from $\text{LiMn}_2\text{O}_4$ in Aqueous Acidic Media," <i>J. Electrochem. Soc.</i> , Vol. 145, No. 10, pp. 3392-3400, (1998).
	BF	Manev, V. <i>et al.</i> , "Rechargeable lithium battery with spinel-related $\lambda\text{-MnO}_2$ 1. Synthesis of $\lambda\text{-MnO}_2$ for battery applications," <i>Journal of Power Sources</i> , 43-44, pp. 551-559, (1993).
	BG	Mosbah <i>et al.</i> , "Phases $\text{Li}_x\text{MnO}_2$ Rattachees au Type Spinelle," with English abstract, <i>Bater. Res. Bull.</i> , Vol. 18, pp. 1375-1381, (1938).
	BH	Patrice <i>et al.</i> , "Understanding the second electron discharge plateau in $\text{MnO}_2$ -based alkaline cells," <i>ITE Letters on batteries, New Technologies and Medicine</i> , Vol. 2, No. 4, (2001).
	BI	Read <i>et al.</i> , "Low Temperature Performance of $\lambda\text{-MnO}_2$ in Lithium Primary Batteries," <i>Solid State Letters</i> , Vol. 4, No. 10, pp. A162-165, (2001).
	BJ	Schilling <i>et al.</i> , "Modification of the High-Rate Discharge Behavior of $\text{Zn-MnO}_2$ Alkaline Cells through the Addition of Metal Oxides to the Cathode," <i>ITE Letters on Batteries, New Technologies &amp; Medicine</i> , Vol. 2, No. 3, (2001).
	BK	Tarascon <i>et al.</i> , "Chemical and electrochemical insertion of Na into the spinel $\lambda\text{-MnO}_2$ phase," <i>Solid State Ionics</i> , Vol. 57, pp. 113-120, (1992).
	BL	Tarascon <i>et al.</i> , "The Spinal Phase of $\text{LiMn}_2\text{O}_4$ as a Cathode in Secondary Lithium Cells," <i>J. Electrochem. Soc.</i> , Vol. 138, No. 10, pp. 2859-2864, (1991).
	BM	Tarascon, J. M. and Guyomard, D., "The $\text{Li}_{1+x}\text{Mn}_2\text{O}_4/\text{C}$ Rocking-Chair System: A Review," <i>Electrochimica Acta</i> , Vol. 38, No. 9, pp. 1221-1231, (1991).
	BN	Xia, Xi and Sun Weiwei, "The electrochemical performance of $\lambda\text{-MnO}_2$ in alkaline solution," abstract only, <i>Dianyuan Jishu</i> , 23 (Suppl.), pp. 74-76, (1999).

(Thank  
May-July  
2001)

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